**Scheduling Administration Tool – Agile Paired Programming Project**

**Requirements:**

Create a website that allows a scheduler to enroll students into courses. Scheduler has access to all student information and course details. The scheduler can edit a student’s information and enroll/unenroll a student from a course. A scheduler can create a new course or make a course as inactive. A scheduler can view all enrollments as well.

Administrator has full access to edit, delete, and create as needed.

Graphical user interface, website

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**Additional Features:**

File/Image Upload Utility with resizing functionality

Toggle functionality for Card and List Views within Students and Courses

Active vs Inactive filtering for Courses with Search functionality

**Technologies Used:**

Developed a 2-tier [ASP.NET](http://ado.net/) MVC Application

* Utilized Microsoft SQL Server as our DB and query from (dynamic data)
* Utilized Entity Framework as our ORM
* Languages: HTML, CSS, C# (Class Creation, Razor Syntax & Linq Syntax)
* Github utilized for Source Control
* Trello for Project Management and as Scrum workflow

**Use Case Descriptions and Diagrams**

Enrollments:

Both the Admin and Scheduling roles have full CRUD functionalityDiagram

Description automatically generated

Scheduled Classes:

Admin has full CRUD functionality / Scheduling cannot Delete

Diagram, schematic

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Students:

Admin has full CRUD functionality / Scheduling cannot Create, Edit, or Delete

Diagram

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Courses:

Admin has full CRUD functionality / Scheduling has no access

A picture containing text, businesscard, vector graphics

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**EDMX**

Graphical user interface

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